



Product Listing

AUGUST 2011 | EMEA



Expand your capacity

You want to design, build and sell systems and solutions that offer the best combination of performance and value for your customers' particular needs. For that reason, a wide variety of choices is paramount, and that's what Seagate® offers.

Whether your choice is driven by a specific application requirement or by a need for greater drive capacity, higher performance or even lower power consumption, Seagate drives are the storage foundation that delivers long-term business sustainability. Optimise your resources, reduce complexities, and reap the savings and rewards of using Seagate drives.

Of course you get more than just drives when you buy Seagate products. You also get our long and distinguished record of innovation, reliability and customer support. And when you join the Seagate Partner Program, you gain a valuable business ally as well.



GoFlex Satellite™
MOBILE WIRELESS STORAGE



External Storage

PRODUCT NAME		CAPACITY ¹	KIT NUMBER ²	SPIN SPEED (RPM)	INTERFACE	COLOR	OS
GoFlex Satellite™	NEW	500GB	STBF500200	5400	Wi-Fi/USB 3.0	Black	PC, Mac
		1.5TB	STAA1500201	5400	USB 3.0	Black	PC, Mac
		1.5TB	STAA1500200	5400	USB 2.0	Black	PC, Mac
		1TB	STAA1000201	5400	USB 3.0	Black	PC, Mac
		1TB	STAA1000200	5400	USB 2.0	Black	PC, Mac
		750GB	STAA750201	5400	USB 3.0	Black	PC, Mac
		750GB	STAA750200	5400	USB 2.0	Black	PC, Mac
		500GB	STAA500205	5400	USB 3.0	Black	PC, Mac
		500GB	STAA500206	5400	USB 3.0	Silver	PC, Mac
		500GB	STAA500207	5400	USB 3.0	Blue	PC, Mac
		500GB	STAA500208	5400	USB 3.0	Red	PC, Mac
		500GB	STAA500200	5400	USB 2.0	Black	PC, Mac
		500GB	STAA500201	5400	USB 2.0	Silver	PC, Mac
		500GB	STAA500202	5400	USB 2.0	Blue	PC, Mac
		500GB	STAA500203	5400	USB 2.0	Red	PC, Mac
		320GB	STAA320200	5400	USB 2.0	Black	PC, Mac
		320GB	STAA320201	5400	USB 2.0	Silver	PC, Mac
		750GB	STAD750202 ³	7200	USB 3.0	Black	PC, Mac
GoFlex Pro ³		500GB	STAD500202 ³	7200	USB 3.0	Black	PC, Mac
		750GB	STBB750100 ⁴	7200	FireWire 800/USB 2.0	Silver	PC, Mac
GoFlex Pro for Mac	NEW	750GB	STBB750100 ⁴	7200	FireWire 800/USB 2.0	Silver	PC, Mac
	NEW	500GB	STBB500100 ⁴	7200	FireWire 800/USB 2.0	Silver	PC, Mac
GoFlex for Mac	NEW	1.5TB	STBA1500100 ⁴	5400	FireWire 800/USB 2.0	Silver	PC, Mac
	NEW	1TB	STBA1000100 ⁴	5400	FireWire 800/USB 2.0	Silver	PC, Mac
GoFlex Slim	NEW	320GB	STBE320200	7200	USB 3.0	Black	PC, Mac
GoFlex Desk		3TB	STAC3000202	7200	USB 3.0	Black	PC, Mac
		3TB	STAC3000201	7200	USB 3.0	Black	PC, Mac
		3TB	STAC3000200	7200	USB 2.0	Black	PC, Mac
		2TB	STAC2000202	5900	USB 3.0	Black	PC, Mac
		2TB	STAC2000201	5900	USB 3.0	Black	PC, Mac
		2TB	STAC2000200	—	USB 2.0	Black	PC, Mac
		1TB	STAC1000202	5900	USB 3.0	Black	PC, Mac
		1TB	STAC1000201	7200	USB 3.0	Black	PC, Mac
		1TB	STAC1000200	7200	USB 2.0	Black	PC, Mac
GoFlex Home		3TB	STAM3000200	—	SATA/GigE	—	PC, Mac
		2TB	STAM2000200	—	SATA/GigE	—	PC, Mac
		1TB	STAM1000200	—	SATA/GigE	—	PC, Mac
GoFlex Cinema	NEW	3TB	STBG3000200	7200	AV	Black	PC, Mac
	NEW	2TB	STBG2000200	7200	AV	Black	PC, Mac
	NEW	1TB	STBG1000200	7200	AV	Black	PC, Mac
GoFlex Net		—	STAK200	—	SATA/GigE	Black	PC, Mac

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.

2 EMEA retail model numbers shown

3 Includes simple dock and case

4 UK and France only

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External Storage

Continued...

PRODUCT NAME	CAPACITY ¹	KIT NUMBER ²	SPIN SPEED (RPM)	INTERFACE	OS
Expansion™ External	3TB	STAY3000200	7200	USB 2.0	PC, Mac
	2TB	ST320005EXD101-RK	7200	USB 2.0	PC, Mac
	1TB	ST310005EXD101-RK	7200	USB 2.0	PC, Mac
	500GB	ST305004EXD101-RK	7200	USB 2.0	PC, Mac
Expansion Portable	1.5TB	STAX1500200	5400	USB 2.0	PC, Mac
	1TB	ST910004EXD101-RK	5400	USB 2.0	PC, Mac
	750GB	ST907504EXD101-RK	5400	USB 2.0	PC, Mac
	500GB	ST905004EXD101-RK	5400	USB 2.0	PC, Mac
BlackArmor® NAS 440	320GB	ST903204EXD101-RK	5400	USB 2.0	PC, Mac
	12TB	STAU12000200	N/A	Gigabit Ethernet	PC, Mac
	8TB	ST380005SHD10G-RK	N/A	Gigabit Ethernet	PC, Mac
	4TB	ST340005SHD10G-RK	N/A	Gigabit Ethernet	PC, Mac
BlackArmor NAS 400	—	STAR400	N/A	Gigabit Ethernet	PC, Mac
BlackArmor NAS 220	6TB	STAV6000200	N/A	Gigabit Ethernet	PC, Mac
	4TB	ST340005LSD10G-RK	N/A	Gigabit Ethernet	PC, Mac
	2TB	ST320005LSD10G-RK	N/A	Gigabit Ethernet	PC, Mac
BlackArmor NAS 110	3TB	STAW3000200	N/A	Gigabit Ethernet	PC, Mac
	2TB	ST320005MND10G-RK	N/A	Gigabit Ethernet	PC, Mac
	1TB	ST310005MND10G-RK	N/A	Gigabit Ethernet	PC, Mac

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.
2 EMEA retail model numbers shown.

EXTERNAL STORAGE APPLICATIONS			
Wireless Media Storage	GoFlex Satellite	Network Storage Server	GoFlex Home, BlackArmor NAS 440, BlackArmor NAS 400, BlackArmor NAS 220, BlackArmor NAS 110
Portable Storage	GoFlex Satellite, GoFlex, GoFlex for Mac, GoFlex Pro, GoFlex Pro for Mac, GoFlex Slim, Expansion Portable Drive	Home Media Player	GoFlex TV
External Backup/Storage	GoFlex, GoFlex for Mac, GoFlex Pro, GoFlex Pro for Mac, GoFlex Desk, BlackArmor NAS 440, BlackArmor NAS 400, BlackArmor NAS 220, BlackArmor NAS 110, Expansion External Drive, Expansion Portable Drive	Remote/Share Access	GoFlex Net

Desktop Storage

PRODUCT NAME		CAPACITY ¹	MODEL NUMBER ²	FORM FACTOR/ HT (in)	PERFORMANCE LEVEL (RPM)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Barracuda® XT	NEW	3TB	ST33000651AS	3.5	7200	600	SATA 6Gb/s NCQ	64	7.4
		2TB	ST32000641AS	3.5	7200	600	SATA 6Gb/s NCQ	64	6.4
Barracuda	NEW	1TB	ST31000524AS	3.5	7200	600	SATA 6Gb/s NCQ	32	<5.0
		500GB	ST500DM002 ³	3.5	7200	600	SATA 6Gb/s NCQ	16	4.6
	NEW	320GB	ST320DM000 ³	3.5	7200	600	SATA 6Gb/s NCQ	16	4.6
	NEW	250GB	ST250DM000 ³	3.5	7200	600	SATA 6Gb/s NCQ	16	4.6
Barracuda Green		2TB	ST2000DL003	3.5	5900	600	SATA 6Gb/s NCQ	64	4.5
		1.5TB	ST1500DL003	3.5	5900	600	SATA 6Gb/s NCQ	64	4.5
Barracuda XT 3.5-Inch Internal Retail Kit	NEW	3TB	ST330005N1D1AS-RK ⁴	3.5/1.03	7200	600	SATA 6Gb/s	64	
Barracuda 3.5-Inch Internal Retail Kits		3TB	STBD3000200 ⁴	3.5/1.03	7200	600	SATA 6Gb/s	64	
		2TB	STBD2000201 ⁴	3.5/1.03	7200	600	SATA 6Gb/s	64	
		2TB	ST320005N4D1AS ⁴	3.5	5900	300	SATA 3Gb/s	32	
		1TB	ST310005N1D1AS-RK ⁴	3.5/1.02	7200	300	SATA 3Gb/s	32	
		500GB	ST3500641AS-RK ⁴	3.5/1.02	7200	300	SATA 3Gb/s	16	

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to drive capacity.
2 Interface Options Definitions: AS=Serial ATA 6Gb/s, Serial ATA 3Gb/s. Refer also to new model number guide on page 24.
3 Seagate ships this drive in both 4K- and 512-byte sectors. SmartAlign technology is included on 4K sector drives. Both drives are functionally and physically equivalent.
4 EMEA retail model numbers shown.

DESKTOP APPLICATIONS			
Thin Client	Barracuda	Mainstream	Barracuda
High Value	Barracuda, Barracuda Green	Performance/Gaming	Barracuda XT, Barracuda
Home Server	Barracuda XT, Barracuda	Workstations	Barracuda XT, Barracuda

Laptop Storage

PRODUCT NAME		CAPACITY ¹	MODEL NUMBER ²	FORM FACTOR/ HT (in)	PERFORMANCE LEVEL (RPM)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Momentum® XT		500GB	ST95005620AS ³	2.5/0.37	7200	300	SATA 3Gb/s	32	0.8
		320GB	ST93205620AS ³	2.5/0.37	7200	300	SATA 3Gb/s	32	0.8
		250GB	ST92505610AS ³	2.5/0.37	7200	300	SATA 3Gb/s	32	0.8
	NEW	750GB	ST9750420AS	2.5/0.37	7200	300	SATA 3Gb/s	16	0.7
		500GB	ST9500420AS	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		500GB	ST9500423AS	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		500GB	ST9500420ASG	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		500GB	ST9500423ASG	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		500GB	ST9500421AS ⁵	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		500GB	ST9500422AS ⁶	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		320GB	ST9320423AS	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		320GB	ST320LT023 ^{4,7}	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		250GB	ST9250410AS	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		250GB	ST250LT021 ^{4,7}	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		250GB	ST9250410ASG	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		250GB	ST9250411AS ⁵	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		250GB	ST9250412AS ⁶	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
Momentum		160GB	ST160LT016 ^{4,7}	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		160GB	ST9160412AS	2.5/0.37	7200	300	SATA 3Gb/s	16	0.67
		750GB	ST9750423AS	2.5/0.37	5400	300	SATA 3Gb/s	16	0.5
		640GB	ST9640320AS	2.5/0.37	5400	300	SATA 3Gb/s	8	0.68
		500GB	ST9500325AS	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
		500GB	ST9500325ASG	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
		500GB	ST9500327AS ⁵	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
		320GB	ST9320325AS	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
	NEW	320GB	ST320LT022 ^{4,7}	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
		250GB	ST9250315AS	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
	NEW	250GB	ST250LT020 ^{4,7}	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
		250GB	ST9250317AS ⁵	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
	NEW	160GB	ST9160314AS	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81
		160GB	ST160LT015 ^{4,7}	2.5/0.37	5400	300	SATA 3Gb/s	8	0.81

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.
2 Interface Options Definitions: AS = SATA 3Gb/s; ASG = SATA 3Gb/s drive with G-Force Protection™ technology.
Refer also to new model number guide on page 24.
3 Solid State Hybrid drive with 4GB SLC NAND solid state memory.
4 Advanced Sector Format (4K) drive with SmartAlign™ technology resolves misalignment conditions.
5 Self-Encrypting Drive model.
6 FIPS 140-2 Self-Encrypting Drive model. See FIPS 140-2 Level 2 Certificate at:
<http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.
7 7mm z-height expanded to 9.5mm enables compatibility with standard laptop chassis.

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Laptop Storage

Continued...

PRODUCT NAME		CAPACITY ¹	MODEL NUMBER ²	FORM FACTOR/ HT (in)	PERFORMANCE LEVEL (RPM)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Momentum Thin	NEW	320GB	ST320LT007 ⁴	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	320GB	ST320LT014 ^{4,5}	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	320GB	ST320LT009 ^{4,6}	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	250GB	ST250LT007 ⁴	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	250GB	ST250LT014 ^{4,5}	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	250GB	ST250LT009 ^{4,6}	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	160GB	ST160LT007 ⁴	2.5	7200	300	SATA 3Gb/s	16	0.66
	NEW	320GB	ST320LT020 ⁴	2.5	5400	300	SATA 3Gb/s	8	0.48
	NEW	250GB	ST250LT003 ⁴	2.5	5400	300	SATA 3Gb/s	8	0.48
	NEW	160GB	ST160LT003 ⁴	2.5	5400	300	SATA 3Gb/s	8	0.48
Momentum 2.5-Inch Internal Retail Kit		NEW	750GB	STBD750200 ⁸	2.5/0.374	7200	300	SATA 3Gb/s	16
			500GB	STBD500200 ⁸	2.5/0.374	7200	300	SATA 3Gb/s	16
Momentum XT Internal Retail Kit		500GB	STAN500200 ^{3,8}	2.5/0.370	7200	300	SATA 3Gb/s	32	

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.

2 Interface Options Definitions: AS = SATA 3Gb/s; ASG = SATA 3Gb/s drive with G-Force Protection™ technology.
Refer also to new model number guide on page 24.

3 Solid State Hybrid drive with 4GB SLC NAND solid state memory.

4 Advanced Sector Format (4K) drive with SmartAlign™ technology resolves misalignment conditions.

5 Self-Encrypting Drive model.

6 FIPS 140-2 Self-Encrypting Drive model. See FIPS 140-2 Level 2 Certificate at:
<http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

7 7mm z-height expanded to 9.5mm enables compatibility with standard laptop chassis.

8 EMEA retail model numbers shown.

LAPTOP/NETBOOK APPLICATIONS		SECURITY SOLUTIONS APPLICATIONS	
Performance	Momentum XT, Momentum (7200 RPM)	Laptop/Notebook PCs	Momentum XT, Momentum
Mainstream	Momentum, Momentum 2.5-Inch Internal	Small Form Factor PCs/Servers	Momentum Thin, Momentum (5400 RPM)
Slim Computing	Momentum Thin	Non-Mission-Critical Blade Servers	Momentum XT, Momentum (7200 RPM)
External 2.5-Inch Drive Enclosures	Momentum (5400 RPM)		

Enterprise Storage

PRODUCT NAME		CAPACITY ¹	MODEL NUMBER ²	SECURITY OPTIONS	FORM FACTOR/ HT (in)	SPINDLE SPEED (RPM)	AVERAGE READ SEEK (ms)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Savvio® 15K	NEW	300GB	ST9300653SS	—	2.5/0.591	15K	2.6	600	6Gb/s SAS	64	4.23
	NEW	300GB	ST9300553SS	SED ⁴	2.5/0.591	15K	2.6	600	6Gb/s SAS	64	4.23
	NEW	300GB	ST9300453SS	FIPS SED ^{4,6}	2.5/0.591	15K	2.6	600	6Gb/s SAS	64	4.23
	NEW	146GB	ST9146853SS	—	2.5/0.591	15K	2.6	600	6Gb/s SAS	64	3.86
	NEW	146GB	ST9146753SS	SED ⁴	2.5/0.591	15K	2.6	600	6Gb/s SAS	64	3.86
	NEW	146GB	ST9146653SS	FIPS SED ^{4,6}	2.5/0.591	15K	2.6	600	6Gb/s SAS	64	3.86
		146GB	ST9146852SS	—	2.5/0.591	15K	2.9	600	6Gb/s SAS	16	4.1
		146GB	ST9146752SS	SED ⁴	2.5/0.591	15K	2.9	600	6Gb/s SAS	16	4.1
		146GB	ST9146652SS	FIPS SED ^{4,5}	2.5/0.591	15K	2.9	600	6Gb/s SAS	16	4.1
		73GB	ST973452SS	—	2.5/0.591	15K	2.9	600	6Gb/s SAS	16	3.7
		73GB	ST973352SS	SED ⁴	2.5/0.591	15K	2.9	600	6Gb/s SAS	16	3.7
		73GB	ST973252SS	FIPS SED ^{4,5}	2.5/0.591	15K	2.9	600	6Gb/s SAS	16	3.7
Savvio 10K	NEW	900GB	ST9900805SS	—	2.5/0.591	10K	3.7	600	6Gb/s SAS	64	4.4
	NEW	900GB	ST9900705SS	SED ⁴	2.5/0.591	10K	3.7	600	6Gb/s SAS	64	4.4
	NEW	900GB	ST9900605SS	FIPS SED ^{4,6}	2.5/0.591	10K	3.7	600	6Gb/s SAS	64	4.4
	NEW	900GB	ST9900805FC	—	2.5/0.591	10K	3.7	400	6Gb/s SAS	64	4.4
	NEW	600GB	ST9600205SS	—	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.8
	NEW	600GB	ST9600105SS	SED ⁴	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.8
	NEW	600GB	ST9600005SS	FIPS SED ^{4,6}	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.8
	NEW	600GB	ST9600205FC	—	2.5/0.591	10K	3.4	400	6Gb/s SAS	64	3.8
		600GB	ST9600204SS	—	2.5/0.591	10K	3.9	600	6Gb/s SAS	16	4.6
		600GB	ST9600104SS	SED ⁴	2.5/0.591	10K	3.9	600/400	6Gb/s SAS	16	4.6
		600GB	ST9600004SS	FIPS SED ^{4,5}	2.5/0.591	10K	3.9	600/400	6Gb/s SAS	16	4.6
		600GB	ST9600204FC	—	2.5/0.591	10K	3.9	400	4Gb/s FC	16	4.6
	NEW	450GB	ST9450405SS	—	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.8
	NEW	450GB	ST9450305SS	SED ⁴	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.8
	NEW	450GB	ST9450205SS	FIPS SED ^{4,6}	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.8
	NEW	450GB	ST9450405FC	—	2.5/0.591	10K	3.4	400	6Gb/s SAS	64	3.8
		450GB	ST9450404SS	—	2.5/0.591	10K	4.1	600	6Gb/s SAS	16	4.6
		450GB	ST9450404FC	—	2.5/0.591	10K	4.1	400	4Gb/s FC	16	4.6
		450GB	ST9450304SS	SED ⁴	2.5/0.591	10K	4.1	600/400	6Gb/s SAS	16	4.6
		450GB	ST9450204SS	FIPS SED ^{4,5}	2.5/0.591	10K	4.1	600/400	6Gb/s SAS	16	4.6
	NEW	300GB	ST9300605SS	—	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.5
	NEW	300GB	ST9300505SS	SED ⁴	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.5
	NEW	300GB	ST9300405SS	SED ^{3,5}	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.5
	NEW	300GB	ST9300605FC	—	2.5/0.591	10K	3.4	600	6Gb/s SAS	64	3.5

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.

2 Interface Options Definitions: FC=4Gb/s Fibre Channel; NS=SATA 6Gb/s; SATA 3Gb/s; SS=6Gb/s SAS. Refer also to new model number guide on page 25.

3 These base deck height dimensions conform to the Small Form Factor Standards found at www.sffconmittee.org.

4 Self-Encrypting Drive (SED) models require TCG-compliant host or controller support.

5 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

6 FIPS 140-2 Review Pending. See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

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PRODUCT NAME	CAPACITY ¹	MODEL NUMBER ²	SECURITY OPTIONS	FORM FACTOR/ HT (in)	SPINDLE SPEED (RPM)	AVERAGE READ SEEK (ms)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Cheetah® 15K	600GB	ST3600057SS	—	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	11.68
	600GB	ST3600057FC	—	3.5/1.028	15K	3.4	600	4Gb/s FC	16	11.61
	600GB	ST3600957SS	SED ⁴	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	11.68
	600GB	ST3600957FC	SED ⁴	3.5/1.028	15K	3.4	600	4Gb/s FC	16	11.61
	600GB	ST3600857SS	FIPS SED ^{4,5}	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	11.68
	600GB	ST3600857FC	FIPS SED ^{4,5}	3.5/1.028	15K	3.4	400	4Gb/s FC	16	11.61
	450GB	ST3450857SS	—	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	10.1
	450GB	ST3450857FC	—	3.5/1.028	15K	3.4	400	4Gb/s FC	16	10.26
	450GB	ST3450757SS	SED ⁴	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	10.1
	450GB	ST3450757FC	SED ⁴	3.5/1.028	15K	3.4	400	4Gb/s FC	16	10.26
	450GB	ST3450657SS	FIPS SED ^{4,5}	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	10.1
	450GB	ST3450657FC	FIPS SED ^{4,5}	3.5/1.028	15K	3.4	400	4Gb/s FC	16	10.26
	300GB	ST3300657SS	—	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	8.74
	300GB	ST3300657FC	—	3.5/1.028	15K	3.4	400	4Gb/s FC	16	8.98
	300GB	ST3300557SS	SED ⁴	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	8.74
	300GB	ST3300557FC	SED ⁴	3.5/1.028	15K	3.4	400	4Gb/s FC	16	8.98
	300GB	ST3300457SS	FIPS SED ^{4,5}	3.5/1.028	15K	3.4	600	6Gb/s SAS	16	8.74
	300GB	ST3300457FC	FIPS SED ^{4,5}	3.5/1.028	15K	3.4	400	4Gb/s FC	16	8.98
Cheetah NS	600GB	ST3600002SS	—	3.5/1.028	10K	3.8	600	6Gb/s SAS	16	6.2
	600GB	ST3600002FC	—	3.5/1.028	10K	3.8	400	4Gb/s FC	16	6.5
	450GB	ST3450802SS	—	3.5/1.028	10K	3.8	600	6Gb/s SAS	16	5.7
	450GB	ST3450802FC	—	3.5/1.028	10K	3.8	400	4Gb/s SAS	16	6.0
	300GB	ST3300602FC	—	3.5/1.028	10K	3.8	400	4Gb/s FC	16	5.6

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.

2 Interface Options Definitions: FC=4Gb/s Fibre Channel; NS=SATA 6Gb/s; SATA 3Gb/s; SS=6Gb/s SAS. Refer also to new model number guide on page 25.

3 These base deck height dimensions conform to the Small Form Factor Standards found at www.sffcommittee.org.

4 Self-Encrypting Drive (SED) models require TCG-compliant host or controller support.

5 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

6 FIPS 140-2 Review Pending. See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

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MISSION-CRITICAL APPLICATIONS			
Mainstream Servers	Savvio 10K	Midrange and High-End Servers	Savvio 15K, Savvio 10K
Performance Servers	Savvio 15K	Direct Attached Storage (DAS/JBOD/RAID)	Cheetah 15K, Cheetah NS, Savvio 15K, Savvio 10K
Blade and 1U Servers	Savvio 15K, Savvio 10K	NAS/SAN	Cheetah 15K, Cheetah NS, Savvio 15K, Savvio 10K
Security Servers	Cheetah 15K, Savvio 15K, Savvio 10K	Security DAS/NAS/SAN Storage	Cheetah 15K, Savvio 15K, Savvio 10K

PRODUCT NAME	CAPACITY ¹	MODEL NUMBER ²	SECURITY OPTIONS	FORM FACTOR/ HT (in)	SPINDLE SPEED (RPM)	AVERAGE READ SEEK (ms)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Constellation.2™	1TB	ST91000640NS	—	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	3.31
	1TB	ST91000641NS	SED ⁴	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	3.31
	1TB	ST91000642NS	FIPS SED ^{4,6}	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	3.31
	1TB	ST91000640SS	—	2.5/0.591	7200	8.5	600/300/150	6Gb/s SAS	64	3.85
	1TB	ST91000641SS	SED ⁴	2.5/0.591	7200	8.5	600/300/150	6Gb/s SAS	64	3.85
	1TB	ST91000642SS	FIPS SED ^{4,6}	2.5/0.591	7200	8.5	600/300/150	6Gb/s SAS	64	3.85
	500GB	ST9500620NS	—	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	2.67
	500GB	ST9500621NS	SED ⁴	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	2.67
	500GB	ST9500622NS	FIPS SED ^{4,6}	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	2.67
	500GB	ST9500620SS	—	2.5/0.591	7200	8.5	600/300/150	6Gb/s SAS	64	3.27
	500GB	ST9500621SS	SED ⁴	2.5/0.591	7200	8.5	600/300/150	6Gb/s SAS	64	3.27
	500GB	ST9500622SS	FIPS SED ^{4,6}	2.5/0.591	7200	8.5	600/300/150	6Gb/s SAS	64	3.27
	250GB	ST9250610NS	—	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	2.52
	250GB	ST9250611NS	SED ⁴	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	2.52
	250GB	ST9250612NS	FIPS SED ^{4,6}	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	64	2.52
Constellation®	500GB	ST9500432SS	FIPS SED ^{3,4}	2.5/0.591	7200	8.5	600/300/150	SATA 6Gb/s	16	2.9
Constellation ES.2	NEW 3TB	ST33000650NS	—	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	7.7
	NEW 3TB	ST33000651NS	SED ⁴	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	7.7
	NEW 3TB	ST33000652NS	SED ^{3,5}	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	7.7
	NEW 3TB	ST33000650SS	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	7.4
	NEW 3TB	ST33000651SS	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	7.4
	NEW 3TB	ST33000652SS	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	7.4

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.

2 Interface Options Definitions: FC=4Gb/s Fibre Channel; NS=SATA 6Gb/s, SATA 3Gb/s; SS=6Gb/s SAS. Refer also to new model number guide on page 25.

3 These base deck height dimensions conform to the Small Form Factor Standards found at www.sffcommittee.org.

4 Self-Encrypting Drive (SED) models require TCG-compliant host or controller support.

5 See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

6 FIPS 140-2 Review Pending. See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401vend.htm>.

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Product Name		Capacity ¹	Model Number ²	Security Options	Form Factor/ HT (in)	Spindle Speed (RPM)	Average Read Seek (ms)	Max Ext Xfer Rate (MB/s)	Interface	Cache Options (MB)	Power Consumption (Idle, W)
Constellation ES	NEW	2TB	ST2000NM0011	—	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
	NEW	2TB	ST2000NM0031	SED ⁴	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
	NEW	2TB	ST2000NM0051	SED ^{3,5}	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
		2TB	ST32000644NS	—	3.5/1.028	7200	8.5	300/150	SATA 3Gb/s	64	6.39
		2TB	ST32000444SS	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	7.26
	NEW	2TB	ST2000NM0001	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	7.26
	NEW	2TB	ST2000NM0021	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	7.26
		2TB	ST32000445SS	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	7.26
	NEW	2TB	ST2000NM0041	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	7.26
	NEW	2TB	ST32000446SS	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	7.26
	NEW	1TB	ST1000NM0011	—	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
	NEW	1TB	ST1000NM0031	SED ⁴	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
	NEW	1TB	ST1000NM0051	SED ^{3,5}	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
		1TB	ST31000524NS	—	3.5/1.028	7200	8.5	300/150	SATA 3Gb/s	32	4.61
		1TB	ST31000424SS	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	5.41
	NEW	1TB	ST1000NM0001	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	5.41
	NEW	1TB	ST1000NM0021	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	5.41
		1TB	ST31000425SS	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	5.41
	NEW	1TB	ST1000NM0041	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	5.41
	NEW	1TB	ST31000426SS	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	5.41
	NEW	500GB	ST500NM0011	—	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
	NEW	500GB	ST500NM0031	SED ⁴	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
	NEW	500GB	ST500NM0051	SED ^{3,5}	3.5/1.028	7200	8.5	600/300/150	SATA 6Gb/s	64	6.39
		500GB	ST3500514NS	—	3.5/1.028	7200	8.5	300/150	SATA 3Gb/s	32	4.61
		500GB	ST3500414SS	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	5.41
	NEW	500GB	ST500NM0001	—	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	5.41
	NEW	500GB	ST500NM0021	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	5.41
		500GB	ST3500415SS	SED ⁴	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	5.41
	NEW	500GB	ST500NM0041	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	64	5.41
	NEW	500GB	ST3500416SS	FIPS SED ^{4,6}	3.5/1.028	7200	8.5	600/300/150	6Gb/s SAS	16	5.41

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.

2 Interface Options Definitions: FC=4Gb/s Fibre Channel; NS=SATA 6Gb/s, SATA 3Gb/s; SS=6Gb/s SAS. Refer also to new model number guide on page 25.

3 These base deck height dimensions conform to the Small Form Factor Standards found at www.sffcommittee.org.

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6 FIPS 140-2 Review Pending. See FIPS 140-2 Level 2 Certificate at <http://csrc.nist.gov/groups/STM/cmpvp/documents/140-1/1401vend.htm>.

Capacity Optimised Applications			
Direct Attached Storage (DAS/JBOD/RAID)	Constellation Family, Constellation ES Family		Virtual Tape Library
Entry Low-Cost Server/SMB Server	Constellation Family, Constellation ES Family		NAS/SAN
Entry Low-Cost Server/SMB Security Server	Constellation Family, Constellation ES Family		External Security Storage (DAS, NAS, SAN)
Cloud Storage	Constellation Family, Constellation ES Family		Network Video Surveillance (NDVR)

Consumer Electronics Storage

PRODUCT NAME		CAPACITY ¹	MODEL NUMBER ²	FORM FACTOR/ HT (in)	PERFORMANCE LEVEL (RPM)	MAX EXT XFER RATE (MB/s)	INTERFACE	CACHE OPTIONS (MB)	POWER CONSUMPTION (Idle, W)
Pipeline HD®	NEW	2TB	ST2000VM002	3.5/1.028	5900	300	SATA 3Gb/s	64	4.5
	NEW	1.5TB	ST1500VM002	3.5/1.028	5900	300	SATA 3Gb/s	64	4.5
		1TB	ST31000322CS	3.5/1.028	—	300	SATA 3Gb/s	8	3.8
		500GB	ST3500312CS	3.5/0.795	—	300	SATA 3Gb/s	8	4.3
		320GB	ST3320311CS	3.5/0.795	—	300	SATA 3Gb/s	8	3.0
		250GB	ST3250312CS	3.5/0.795	—	300	SATA 3Gb/s	8	3.0
		160GB	ST3160316CS	3.5/0.795	—	300	SATA 3Gb/s	8	3.0
Pipeline HD Mini		250GB	ST9250311CS	2.5/0.374	5400	300	SATA 3Gb/s	8	0.8
		160GB	ST91603110CS	2.5/0.374	5400	300	SATA 3Gb/s	8	0.8
SV35 Series™	NEW	2TB	ST2000VX002	3.5/1.028	5900	600	SATA 6Gb/s	64	4.5
	NEW	1TB	ST3100526SV	3.5/1.028	7200	600	SATA 6Gb/s	32	5.0
	NEW	500GB	ST3500411SV	3.5/1.028	7200	600	SATA 6Gb/s	16	5.0

1 One gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes when referring to hard drive capacity.
2 Interface Options Definitions: CS=Serial ATA 3Gb/s; SV=Serial ATA. Refer also to new model number guide on page 24.

MISSION-CRITICAL APPLICATIONS	
Home Media Servers	Pipeline HD, Pipeline HD Mini
Set-Top Boxes	Pipeline HD, Pipeline HD Mini
DVRs	Pipeline HD, Pipeline HD Mini
IPTV	Pipeline HD, Pipeline HD Mini
Audio Juke Boxes	Pipeline HD
External USB Storage	Pipeline HD
Video Surveillance (SDVR)	SV35 Series

New Model Number Key for Desktop, Laptop and CE

ST 500 DX 001

BRAND	<i>2 letters</i> ST= Seagate MX= Maxtor
CAPACITY	<i>2 to 4 digits</i> 80 = 80GB 500 = 500GB 1500 = 1500GB Capacities >9999GB: 10 = 10TB 15 = 15TB
SEGMENT	<i>2 letters</i> DX = Desktop Premium DM = Mainstream DL = Entry Level LX = Laptop Premium LM = Laptop Mainstream LT = Laptop Thin VX = Surveillance VM = DVR VT = DVR Thin
ATTRIBUTES	<i>3 digits, non-intelligent</i> Varies for: Z-heights Form Factor RPM Cache Interface SED, FIPS Drop Sensor Interface Speed

New Model Number Key for Enterprise

ST 500 NM 123 1

BRAND	<i>2 letters</i> ST= Seagate MX= Maxtor
CAPACITY	<i>2 to 4 digits</i> 500 = 500GB 1000 = 1000GB Capacities >9999GB: 10 = 10TB 15 = 15TB
SEGMENT	<i>2 letters</i> MM = Mission-Critical, 2.5-Inch, 10K MX = Mission-Critical, 2.5-Inch, 15K NX = Nearline, 2.5-Inch FM = SSD Mainstream FX = SSD Performance
ATTRIBUTES	<i>3 digits, non-intelligent</i> Varies as needed, for example: Interface RPM Cache SED
GENERATION	<i>1 digit, intelligent</i> 1 = 1st Generation 2 = 2nd Generation 3 = 3rd Generation

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